

CARACTERISTICI CONSTRUCTIVE SI DIMENSIONALE PENTRU CAZANELE CU ARDERE INVERSA FIGS FUNCTIONAND CU LEMNE

DENUMIRE	U.M.	FIGS018	FIGS025	FIGS030	FIGS040	FIGS050	FIGS060	FIGS080	FIGS105	FIGS130	FIGS150
Sarcina termica utila	Kw	18	25.6	30.1	40.6	52.2	60.3	80	104.4	130	150
	kcal/h	15500	22000	26000	35000	45000	52000	69000	90000	11200	130000
Randament	%	87	87	87	87	89	89	89	89	89	89
Lungime totala(A)	mm	930	1050	1110	1220	1280	1450	1510	1750	1750	1900
Latime totala (B)	mm	605	605	605	605	700	700	820	820	930	930
Inaltime totala(C)	mm	1490	1490	1490	1490	1590	1590	1690	1690	1690	1690
Volum camera de copmbustibil	mc	0.100	0.135	0.150	0.175	0.230	0.280	0.400	0.510	0.570	0.655
Volum apa in cazan	l	118	139	149	164	209	243	326	386	405	449
Diametru racord cos	Φ(mm)	170	170	170	170	200	200	220	220	240	240
Putere consumata	W	80	80	80	80	135	135	240	240	240	240
Tensiunea de alimentare	V	220	220	220	220	220	220	220	220	220	220
Presiunea maxima de lucru	bar	2	2	2	2	2	2	2	2	2	2
Presiunea de incercare	bar	4	4	4	4	4	4	4	4	4	4
Racord tur retur	toli (")	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2 1/2	2 1/2
Racord serpentina ACM	toli (")	1/2	1/2	1/2	1/2	-	-	-	-	-	-
Racord serpentina racire	toli (")	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Masa neta	kg	413	482	514	568	674	773	936	1103	1222	1300
Temperatura gazelor de ardere	°C	130-140	130-140	130-140	130-140	130-140	130-140	130-140	130-140	130-140	130-140
Temperatura apei calde de incalzire	°C	90	90	90	90	90	90	90	90	90	90
Temperatura maxim a in cazan	°C	100	100	100	100	100	100	100	100	100	100
Debit de apa calda consum (dt=35°C)	l/min	12	12	12	12	-	-	-	-	-	-
Timp max. de sarja la sarcina nominala (aprox.)	ore	3	3	3	3	4	4	4	4	4	4
Timp de sarja la sarcina de 50% (functionare uzuala)	ore	6	6	6	6	8	8	8	8	8	8
Cantitatea maxima de combustibil pe sarja (aprox.)	kg	27	38	43	48	73	89	115	140	155	180
Consum de combustibil nominal (lemne cu umiditate normala ,18% -Hi=3500 kcal/kg)	kg/h	4.98	7.06	8.35	11.28	14.65	16.70	22.15	28.90	36	42
Conditii de functionare	"cu supraveghere permanenta"										